

Amendment to the Claims:

This listing of claims will replace all prior versions, and listing of claims in the application.

Listing of Claims:

1. (Previously Amended) A mobile unit for use with a radio transmission system having a plurality of base stations adapted for two-way radio communication and situated at respective geographical locations to define a corresponding plurality of overlapping service areas constituting one or more regions, the mobile unit comprising a receiver, control means for controlling the mobile unit, means for entering into the control means a single predetermined service area in which a user of the unit is notified upon entry, the control means being capable of recognizing entry of the mobile unit into the single predetermined service area from an adjacent service area, and means for notifying the user of the unit of entry into the single predetermined service area.

2. (Original) A mobile unit according to claim 1 further comprising a transmitter and adapted to communicate by two-way radio with the base stations.

3. (Currently Amended) A mobile unit according to claim 1 wherein the predetermined service area is identified by the identification code of the corresponding base station.

4. (Currently Amended) A mobile unit according to claim 1 wherein the user is notified by an audible, visible or mechanical alarm.

5. (Currently Amended) A mobile unit according to claim 1 comprising user operated means to enter into the control means information identifying a user selected service area as the predetermined service area.

6. (Currently Amended) A mobile unit according to claim 1 comprising means for enabling the user to instruct the control means to define the current service area as the predetermined service area.

7. (Cancelled)

8. (New) A mobile unit for use with a radio transmission system having a plurality of base stations adapted for two-way radio communication and situated at respective geographical locations to define a corresponding plurality of overlapping service areas constituting one or more regions, wherein a service area constitutes an area in which a corresponding base station has a capability for connecting a wireless channel to said mobile unit based on one or more parameters, the mobile unit comprising a receiver, control means for controlling the mobile unit, means for entering into the control means a single predetermined service area in which a user of the unit is notified upon entry, the control means being capable of recognizing entry of the mobile unit into

the single predetermined service area from an adjacent service area, and means for notifying the user of the unit of entry into the single predetermined service area.

9. (New) A mobile unit for use with a radio transmission system having a plurality of base stations adapted for two-way radio communication and situated at respective geographical locations to define a corresponding plurality of overlapping service areas constituting one or more regions, the mobile unit comprising a receiver, control means for controlling the mobile unit, means for enabling a user to instruct the control means to define the current service area as a single predetermined service area in which a user of the unit is notified upon entry, the control means being capable of recognizing subsequent re-entry of the mobile unit into the single predetermined service area from an adjacent service area, and means for notifying the user of the unit of said re-entry into the single predetermined service area.